PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEIKO EPSON CORPORATION	08/31/2017

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PROPERTY NUMBERS Total: 6

Property Type	Number
Patent Number:	7031552
Patent Number:	7054503
Patent Number:	7116713
Patent Number:	7369708
Patent Number:	7369705
Patent Number:	7830961

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DATE SIGNED: 10/13/2017

Total Attachments: 1

PATENT REEL: 043857 FRAME: 0234 source=US_AD#page1.tif

PATENT REEL: 043857 FRAME: 0235

ASSIGNMENT OF PATENT

U.S. Patent Nos.: 7031552; 7054503; 7116713; 7369708; 7369705; 7830961

For good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, SEIKO EPSON CORPORATION, a corporation organized under the laws of Japan, having an address at 4-1 Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo, Japan (Assignor), hereby sells, assigns, transfers and sets over to Godo Kaisha IP Bridge 1 a corporation organized under the laws of Japan, having an address at c/o Sakura Sogo Jimusho, 1-11 Kanda Jimbocho, Chiyoda-ku, Tokyo 101-0051, Japan (Assignee) and to the successors and assigns of Assignee, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Patent Nos.: 7031552, entitled "Adaptive post-filtering for reducing noise in highly compressed image/video coding"; 7054503, entitled "Image processing system, image processing method, and image processing program"; 7116713, entitled "Moving picture coding method, moving picture coding apparatus, and moving picture coding program"; 7369708, entitled "Image data compression device and encoder"; 7369705, entitled "Image data compression device and encoder"; 7830961, entitled "Motion estimation and inter-mode prediction"; THEREOF, and in said patents and any and all other applications, both United States and foreign, which the undersigned may have filed and/or may file, either solely or jointly with others, on said inventions or improvements in any United States or foreign patent application claiming priority from, or claiming the same or improved invention as, any or all of the applications upon which said U.S. Patents issued, and in any and all Letters Patent or industrial models of the United States and foreign countries which may be obtained on any of said applications and in any reissue or extension of such patents, for the full term or terms for which said Patent, Patents or Industrial Design are or may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made; together with all claims for damages by reason of past infringement of any or all of said Patents with the right to sue for and collect the same.

Assignor warrants itself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interests herein assigned. Assignor hereby covenants that no other assignment, sale, agreement or encumbrance will be made or entered into which would conflict with this sale and assignment.

Assignor further covenants that Assignee will, upon its request and at the expense of Assignee, be provided promptly with all pertinent facts and documents relating to said inventions and said Letters Patents and legal equivalents as may be known and accessible to Assignor and will testify or cause appropriate persons to testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute or have executed, to the best of its ability, and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce any and all of said applications, said inventions and said letters patent and foreign equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

SEIKO EPSON CORPORATION

August 3/

By: Toshiya Takahata

General Administrative Manager

(Assignor)

PATENT REEL: 043857 FRAME: 0236

RECORDED: 10/13/2017